

### INVENTOR'S DECLARATION

As the below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; that I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled CONTROL OF OUTPUT BEAM DIVERGENCE IN A SEMICONDUCTOR WAVEGUIDE DEVICE, the specification of which:

X is enclosed herewith; and

was filed in the United States on \_\_\_\_\_  
as Application No. \_\_\_\_\_; or

X was filed as International Application Serial Number PCT/GB2004/003959  
on 16 September, 2004, which application designated the United States of  
America; and

was the subject of an amendment filed in the U.S. Patent and Trademark  
Office on April \_\_\_\_, 2006;

that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and that I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent, utility model or inventor's certificate designated below, or under §365(a) of any application filed under the Patent Cooperation Treaty which designated at least one country other than the United States of America, and have also identified below any foreign application(s) for patent, utility model or inventor's certificate having a filing date before that of the application to which priority is claimed:

<u>Application Number</u>	<u>Country</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
0323905.0	Great Britain	11 October 2003	Yes

Direct all telephone calls to Jefferson Perkins at Telephone No. 630 990 4503.

Attorney Docket No. 305832-00124

Address all correspondence to:

**Daspin & Aument, LLP**  
210 West 22<sup>nd</sup> Street, Suite 102  
Oak Brook, Illinois 60664-0807.

**Customer No. 43138**

I hereby acknowledge that Daspin & Aument, LLP represents the assignee of the above-identified invention and does not represent me.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full Name of Sole Inventor:

**Bocang QIU**

Signature of Inventor:

Bocang Qiu

Date of signature:

07 / April / 2006

Residence: (City, Country)

Glasgow, Great Britain

Post Office Address:

Intense Limited, 4 Stanley Boulevard,  
Hamilton International Technology Park,  
High Blantyre, Glasgow G72 0BN (GB)

Citizenship:

Chinese